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Jameco Part Number 222501 (DM9)

Meterman®

Model DM9
Digital Multi-Tester

Digital Multi-Tester

- Top meter for home, auto, boat, RV, workshop
- High resolution, 4000-count autoranger
- 8 functions/19 ranges
- Special ranges to test household batteries with Go/NoGo LED
- Holster included
- CAT II 600 V rated

DM 9 Specification: Accuracies are indicated as ±% of full scale values at *(23 °C ± 5 °C; < 75 % R.H.)*

DC Voltage	
Ranges	4 V, 40 V, 400 V, 600 V
Accuracy	± (0.8 % rdg + 1 dgt)
Resolution	1 mV in 4 V range
Input Impedance	10 MΩ
AC Voltage (40-400 Hz) *accuracies apply to sine wave inputs only*	
Ranges	4 V, 40 V, 400 V, 600 V
Accuracy	± (l.5 % rdg + 4 dgts)
Resolution	1 mV in 4 V range
Input Impedance	10 MΩ
DC Current	
Range	400 mA
Accuracy	± (2.0 % rdg + 1 dgt)
Resolution	100 µA in 400 mA range
Burden Voltage	1.7 mV/1 mA
AC Current (40-400 Hz)	
Range	400 mA
Accuracy	± (2.0 % rdg + 1 dgt)
Resolution	100 µA in 400 mA range
Burden Voltage	1.7 mV/1 mA
Resistance	
Ranges	4000 Ω, 4 kΩ, 40 kΩ, 400 kΩ, 4 MΩ, 40 MΩ
Accuracy	± (1.0 % rdg + 3 dgts)
Open Circuit Voltage	3 V DC in all ranges
Continuity Test	
Buzzer Sounds at	< 75 Ω
Diode Test	
Test Current	0.5 mA nominal
Test Voltage	3.0 V DC nominal
Display	Forward junction voltage
Battery Test	
Battery Voltages	1.5 V, 9 V
LED Indication	green for good; red for bad
Voltage Accuracy	± (3.5 % rdg + 4 dgts)
Test Current	1.5 V range: 70 mA 9 V range: 10 mA
Overload Protection	
Volts	600 V AC rms/1000 V DC (30 seconds)
Current	500 mA/250 V fast acting glass fuse
Resistance, all Ranges:	250 V DC or AC rms

WARRANTY NO HASSLE PROGRAM

General Specifications

Display: 3 3/4 digit LCD, 4000-counts; **Display Update Rate:** 2 per sec. nom; **Range Selection:** Auto-ranging; **Power Supply:** Two standard 1.5 V mA batteries; **Battery Life:** Alkaline 500 hours, approx.; **Operating Temperature:** 0 °C to + 50 °C, < 70 % R.H. non-condensing; **Storage Temperature:** - 20 °C to + 60 °C, < 80 % R.H. non-condensing, batteries removed; **Dimensions (H x W x D):** 14 cm x 7.8 cm x 4 cm (5.45″ x 3.1″ x 1.55″) **Weight (including battery):** 8.2 Ounces (215 grams); **Included Accessories:** Manual, holster and battery

Features	
Battery Test Function with Go/NoGo LED indicator; **Test Leads** permanently attached; **Warranty:** One-year	
Optional Accessories	
VC30 Vinyl Case	

For additional accessories, see the Accessories Compatibility Guide at www.metermantesttools.com

Meterman®

Model DM9
Digital Multi-Tester

Meterman.
The right tool for the job.™

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